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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	1645 1634
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	A-68929-4/DJB/RMS/DCF

PE JG160
JUN 11 2001
REMARKS
PATENT & TRADEMARK

Sheet 1 of 6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
W	1	4,200,110		Peterson et al.	4/1980	
	2	4,499,052		Fulwyley	2/1985	
	3	4,682,895		Costello	7/1987	
	4	4,785,814		Kane	11/1988	
	5	4,822,746		Walt	4/1989	
	6	4,824,789		Yafuso et al.	4/1989	
	7	4,999,306		Yafuso et al.	3/1991	
	8	5,002,867		Macevitz	3/1991	
	9	5,028,545		Soini	7/1991	
	10	5,105,305		Betzig et al.	4/1992	
	11	5,114,864		Walt	5/1992	
	12	5,132,242		Cheung	7/1992	
	13	5,143,853		Walt	9/1992	
	14	5,194,300		Cheung	3/1993	
W	15	5,244,636		Walt et al.	9/1993	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴				
W	16	EP	0 269 764		6/1988		
	17	EP	0 392 546		10/1990		
	18	EP	0 478 319		4/1992		
	19	EP	0 723 146		7/1996		
	20	WO	89/11101		11/1989		
	21	WO	93/02360		2/1993		
	22	WO	96/03212		2/1996		
	23	WO	97/14028		4/1997		
	24	WO	97/14928		4/1997		
	25	WO	97/40385		10/1997		
W	26	WO	98/40726		9/1998		

Examiner Signature	<i>Walt</i>	Date Considered	5/2/2002
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/779,376
(use as many sheets as necessary)		Filing Date	February 07, 2001
		First Named Inventor	JIAN-BING FAN
		Group Art Unit	1549 1034
		Examiner Name	NOT YET ASSIGNED
Sheet	2	of	6
		Attorney Docket Number	A-68929-4/DJB/RMS/DCF

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		Number	Kind Code ² (if known)			
W	27	5,244,813		Walt et al.	9/1993	
	28	5,250,264		Walt et al.	10/1993	
	29	5,252,494		Walt	10/1993	
	30	5,254,477		Walt	10/1993	
	31	5,298,741		Walt et al.	3/1994	
	32	5,302,509		Chessman	4/1994	
	33	5,320,814		Walt et al.	6/1994	
	34	5,357,590		Auracher	10/1994	
	35	5,380,489		Sutton et al.	1/1995	
	36	5,435,724		Goodman et al.	7/1995	
	37	5,474,895		Ishii et al.	12/1995	
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	40	5,496,997		Pope	3/1996	
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		Office ³	Number ⁴				
W	44	WO	98/50782		11/1998		
	45	WO	98/53093		11/1998		
	46	WO	98/53300		11/1998		
	47	WO	99/18434		4/1999		
	48	WO	99/60170		11/1999		
	49	WO	99/67414		12/1999		
	50	WO	99/67641		12/1999		
	51	WO	00/04372		1/2000		
	52	WO	00/13004		3/2000		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	1648 1634
Examiner Name	NOT YET ASSIGNED
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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
W	53	5,573,909		Singer et al.	11/1996	_____
	54	5,575,849		Honda et al.	11/1996	_____
	55	5,633,972		Walt et al.	5/1997	_____
	56	5,639,603		Dower et al.	6/1997	_____
	57	5,656,241		Seifert et al.	8/1997	_____
	58	5,690,894		Pinkel et al.	11/1997	_____
	59	5,814,524		Walt	10/1998	_____
	60	5,840,256		Demers et al.	11/1998	_____
	61	5,854,684		Stabile et al.	12/1998	_____
	62	5,863,708		Zanzucchi et al.	1/1999	_____
	63	5,888,723		Sutton et al.	3/1999	_____
	64	5,900,481		Lough et al.	5/1999	_____
	65	6,023,540		Walt et al.	2/2000	_____
	66	5,679,524		Nikiforov et al.	10/1997	_____
	67	5,856,083		Chelsky et al.	01/1999	_____
V	68	5,858,732		Solomon et al.	01/1999	_____

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patente or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ²	Number ³	Kind Code ⁴ <i>(if known)</i>				
M	69	WO	00/16101			3/2000		
I	70	WO	00/39587			7/2000		
J	71	WO	00/47996			8/2000		
K	72	WO	00/48000			9/2000		
L	73	WO	00/63437			10/2000		
M	74	WO	00/71243			11/2000		
N	75	WO	00/71995			11/2000		
O	76	WO	00/75373			12/2000		
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for term 1449A

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Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	1645 1634
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	A-68929-4/DJB/RMS/DCF

Sheet	4	of	6
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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>W</i>	77	6,013,456		Akgavan-Tafti	01/2000	<i>_____</i>
<i>W</i>	78	6,051,380		Sosnowski et al.	04/2000	<i>_____</i>
<i>W</i>	79	6,110,678		Weisburg et al.	08/2000	<i>_____</i>
<i>W</i>	80	6,172,218	B1	Brenner	01/2001	<i>_____</i>
<i>W</i>	81	6,083,763		Bulch	07/2000	<i>_____</i>
<i>W</i>	82	5,854,033		Lizardi	12/1998	<i>_____</i>
<i>W</i>	83	5,554,516		Kacian et al.	09/1996	<i>_____</i>
<i>W</i>	84	5,541,311		Dahiberg et al.	07/1996	<i>_____</i>
<i>W</i>	85	5,660,988		Duck et al.	08/1997	<i>_____</i>

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Substitute for Form 1449B (Rev. 10/97)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	1648 1634
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	A-68929-4/DJB/RMS/DCF

Sheet 5 of 6

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
W	87	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996).	
	88	Anonymous, "Microsphere Selection Guide," Bang Laboratories, (Fisher, IN) September 1998.	
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	91	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," Nature, 353:338-340 (September 1991).	
	92	Chen et al., "A Microsphere-Based Assay for Multiplexed Single Nucleotide Polymorphism Analysis Using Single Base Chain Extension," Genome Research, 10(4):549-557 (2000).	
	93	Czarnik, "Illuminating the SNP Genomic Code," Modern Drug Discovery, 1(2): 49-55 (1998).	
	94	Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceeding on th April 10-13, 1990 Conference at Florida State University. Ed. C. Cantor and H. Lim.	
	95	Drmanac, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," Scientia Yugoslavica, 16(1-2):97-107 (1990).	
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	98	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681-1684 (1996).	
	99	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159-1163 (1987).	
	101	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Anal. Chem. 67(24):4471-4476 (1995).	
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	105	Iannone et al., "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," Cytometry, 39:131-140 (2000).	

Examiner Signature	<i>W. J. Venter</i>	Date Considered	5/2/02
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Substantiate for Patent 1449B/10 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known Application Number 09/779,376 Filing Date February 07, 2001 First Named Inventor JIAN-BING FAN Group Art Unit 1645 Examiner Name NOT YET ASSIGNED Attorney Docket Number A-68929-4/DJB/RMS/DCF	
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Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
M	106	Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270: 34-41 (1998).	
	107	Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 70(7): 1242-1248 (April 1998).	
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	110	Pantano et al., "Ordered Nanowell Arrays," Chem. Mater., 8(12): 2832-2835 (1996).	
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	119	Metzker et al., "Termination of DNA synthesis by novel 3'-modified-deoxyribonucleoside 5'-triphosphates," Nucleic Acids Research, 22(20):4259-4267 (1994).	

Examiner Signature	<i>Julie G.</i>	Date Considered	<i>5/2/2002</i>
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